

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) In the production of a porous body containing a fibrous apatite/collagen composite by gelating a dispersion comprising said fibrous apatite/collagen composite, collagen and water, freeze-drying the resultant gel to form a porous body, and cross-linking collagen in said porous body by the solidification time of said gel in said freezing step.
2. (Original) The method for controlling the average pore diameter according to claim 1, wherein the solidification time of said gel is controlled by a temperature at which said gel is kept for freezing.
3. (Previously Presented) The method for controlling the average pore diameter according to claim 1, wherein the temperature for keeping said gel for freezing is -100°C to 0°C.
4. (Currently Amended) The method for controlling the average pore diameter according to claim 2 -4-, wherein the temperature for keeping said gel for freezing is -100°C to 0°C.